What is claimed is:

1. A fabrication method of a liquid crystal display device, comprising:

forming a gate line on a substrate by applying a gate photoresist pattern by printing;

sequentially forming a gate insulating layer, a semiconductor layer, and a high-concentrated N+ layer over the gate line;

forming an active region over the high-concentrated N+ layer by applying an active photoresist pattern by printing;

forming a conductive layer over the active region;

depositing a photoresist layer over the conductive layer;

applying a mask over the photoresist layer, performing a lithography process, and thereby forming a source/drain electrode;

forming a passivation layer over the source/drain electrode;

forming a contact hole over the passivation layer by applying a contact hole photoresist pattern by printing; and

forming a pixel electrode on the passivation layer by printing a pixel electrode photoresist pattern.

- 2. The method of claim 1, wherein the mask includes a channel region pattern.
- 3. The method of claim 1, wherein the printing is ink jet printing or roller printing.
 - 4. The method of claim 1, wherein the step for forming the source/drain

electrode comprises:

defining an active layer by sequentially removing the high-concentrated N+ layer and the semiconductor layer by using the active resist pattern formed by printing as a mask;

removing the active resist pattern;

sequentially forming a conductive layer and a photoresist layer over the active layer;

exposing the photoresist layer, performing a development process, and thereby removing the photoresist layer above a channel region by using the mask including the channel region pattern; and

sequentially removing the conductive layer and the high-concentrated N+ layer above the channel region.

5. A fabrication method of a liquid crystal display device, comprising:

forming a gate line over a substrate by applying a gate resist pattern formed by printing;

sequentially forming a gate insulating layer, a semiconductor layer, a high-concentrated N+ layer, and a conductive layer over the gate line;

forming an active photoresist pattern over the conductive layer by printing; exposing a part of the active photoresist pattern by applying a mask over the active photoresist pattern;

forming a source/drain electrode by applying the partially exposed active photoresist pattern as a mask;

forming a passivation layer over the source/drain electrode;

forming a contact hole over the passivation layer by applying a contact hole photoresist pattern formed by printing as a mask; and

forming a pixel electrode over the passivation layer by applying a pixel electrode photoresist pattern formed by printing.

- 6. The method of claim 5, wherein the printing is ink jet printing or roller printing.
- 7. The method of claim 5, wherein in the step for exposing a part of the active resist pattern by applying a mask over the active photoresist pattern, an exposed region is a channel region and only a part of the active resist thickness is exposed to a certain depth.
- 8. The method of claim 5, wherein the step for forming the source/drain electrode comprises:

removing the conductive layer, the high-concentrated N layer, and the semiconductor layer by applying the active photoresist pattern partially exposed by the mask as a mask;

removing an exposed part of the active photoresist pattern and thereby exposing the conductive layer formed above the channel region;

removing the exposed conductive layer and the high-concentrated N+ layer; and

removing the active resist pattern.

A fabrication method of a liquid crystal display device comprising:
forming a black matrix over a substrate;
forming a color filter layer over the substrate by printing;

forming an overcoat layer over the color filter layer;

forming a common electrode over the overcoat layer; and forming an alignment layer over the common electrode.

10. The method of claim 9, wherein the step for forming the color filter layer comprises:

forming a negative first photosensitive color resin over a substrate by printing;

forming the first photosensitive color resin only at a first sub color filter region by exposing and developing the first photosensitive color resin by using a mask;

printing a second photosensitive color resin over the substrate, and forming the second photosensitive color resin only at a second sub color filter region by exposing and developing the second photosensitive color resin by using a mask; and

printing a third photosensitive color resin on the substrate, and forming the third photosensitive color resin only at a third sub color filter region by exposing and developing the third photosensitive color resin by using a mask.

- 11. The method of claim 9, wherein the printing is ink jet printing or roller printing.
 - 12. A liquid crystal display device, comprising:
 - a substrate;
 - a black matrix over the substrate;
 - a printed color filter layer over the substrate;
 - an overcoat layer over the color filter layer;
 - a common electrode over the overcoat layer; and
 - an alignment layer over the common electrode.

- 13. The liquid crystal display device of claim 12, wherein the printed color filter layer comprises:
 - a printed first photosensitive color resin at a first sub color filter region;
- a printed second photosensitive color resin at a second sub color filter region; and
 - a printed third photosensitive color resin at a third sub color filter.
 - 14. The liquid crystal display device of claim 12, wherein the printed color filter layer has been ink jet printed or roll printed.